

Patent Abstracts of Japan

PUBLICATION NUMBER : 08233845
PUBLICATION DATE : 13-09-96

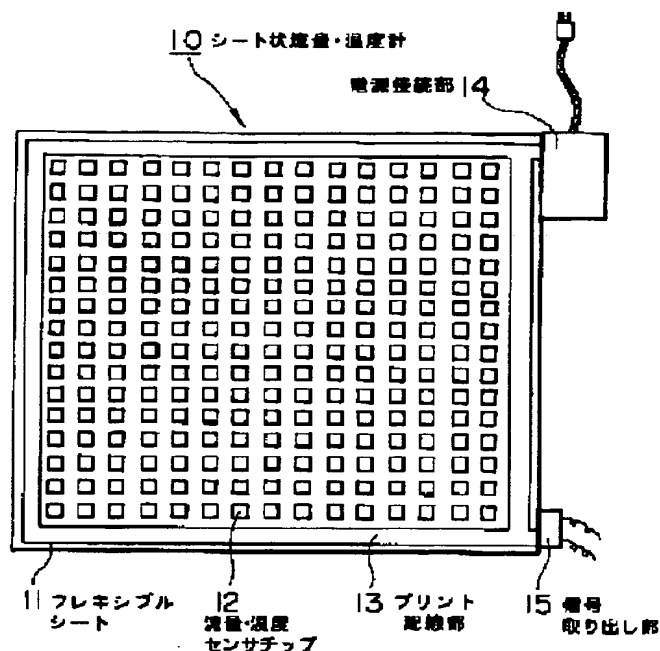
APPLICATION DATE : 27-02-95
APPLICATION NUMBER : 07038401

APPLICANT : TOKYO GAS CO LTD;

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INT.CL. : G01P 5/12 G01K 7/00 G01K 13/02

TITLE : SHEET-SHAPED
FLOW-RATE/TEMPERATURE METER



ABSTRACT : **PURPOSE:** To provide a sheet-shaped flow-rate/temp. meter capable of easily measuring the temp. distribution of a flat surface part and/or a curved surface part or the flow velocity (flow rate) distribution and/or temp. distribution of the fluid in the vicinity of these surface parts.

CONSTITUTION: A sheet-shaped flow rate/temp. meter 10 is constituted by arranging a large number of the flow rate sensors and temp. sensors formed on a silicon substrate by semiconductor fine processing technique on a flexible sheet 11 provided with printed wirings 13. The respective flow rate/temp. sensor chips 12 are connected to a power supply connection part 14 and a signal take- out part 15 through the printed wirings 13.

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